Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Dismantling of existing structures like Culverts bridges retaining walls and other structure comprising of machinary cement concrete wood work steel work including T & P and scaffolding where ever necessary stacking the dismantled material disposal of unservecable material and stacking the servesable material						
	Culvert-1	1	7.40	1.50	0.20	2.22	
		2	7.40	0.60	0.80	7.104	
	Culvert-2	1	6.40	1.50	0.20	1.92	
		2	6.40	0.60	0.80	6.14	
	Culvert-3	1	7.40	1.50	0.20	2.22	
		2	7.40	0.60	0.80	7.104	
	Culvert-4	1	7.00	1.50	0.20	2.10	
		2	7.00	0.60	0.80	6.72	
	Culvert-5	1	3.70	1.50	0.20	1.11	
		2	3.70	0.60	0.80	3.552	
	Culvert-6	1	7.00	1.50	0.20	2.10	
		2	7.00	0.60	0.80	6.72	
	Culvert -7	1	7.50	1.50	0.20	2.25	
		2	7.50	0.60	0.80	7.20	
	Culvert -8	1	7.00	1.50	0.20	2.10	
		2	7.00	0.60	0.80	6.72	
	Culvert -9	1	7.10	1.50	0.20	2.13	
		2	7.10	0.60	0.80	6.82	
	Culvert -10	1	6.00	1.50	0.20	1.80	
		2	6.00	0.60	0.80	5.76	
	CC Road	2	84.30	1.20	0.15	30.35	
	CC Road	1	36.40	2.20	0.15	12.01	
						126.15	**Cum**

04/01/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Scanned with CamScanner

Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

em No	Pre measurement recorded on: / Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Earth work excavation by manual means for roads , drains & similar works in ordinary soil involving ,excavated surface levelled &neatly dressed , the disposed earth to be levelled after breaking of clods complete as per specifications.						
	Manjunatha nagara near New Extension Pepsi godown						
	For CC Drain						
	1st Cross						
	LHS	1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	14.50	1.20	1.00	17.40	
	RHS	1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	14.50	1.20	1.00	17.40	
	Back Side	1	30.00	1.20	1.00	36.00	
		1	3.80	1.20	1.00	4.56	
	2 nd Cross						
	LHS	1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	11.30	1.20	1.00	13.56	
	1 st Main	1	26.00	1.20	1.00	31.20	
	3 rd Cross From 1st Main						
	RHS	1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	13.00	1.20	1.00	15.60	
	3 rd Cross From 1st Main						
	LHS	1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	30.00	1.20	1.00	36.00	
		1	25.30	1.20	1.00	30.36	

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Cross Road	1	24.50	1.20	1.00	29.40	
RHS	1	24.50	1.20	1.00	29.40	
Cross Road RHS	1	23.00	1.20	1.00	27.60	Cum
For Desilting of drain						
Karekallu						
RHS From Karekallu Main Road						
7 th Cross LHS	1	30.00	0.60	0.45	8.10	
	1	14.00	0.60	0.40	3.36	
8 thCross LHS	1	30.00	0.60	0.50	9.00	
	1	15.00	0.60	0.45	4.05	
RHS	1	30.00	0.60	0.40	7.20	
	1	15.00	0.60	0.40	3.60	
9 th Cros LHS	1	30.00	0.60	0.45	8.10	
	1	18.00	0.60	0.45	4.86	
RHS	1	30.00	0.60	0.50	9.00	
	1	18.00	0.60	0.40	4.32	
10 th Cross LHS	1	30.00	0.60	0.50	9.00	
	1	20.00	0.60	0.45	5.40	
RHS	1	30.00	0.60	0.50	9.00	
	1	20.00	0.60	0.40	4.80	
LHS From Karekallu Main Road	1	7.50	0.60	0.40	1.80	
8 thCross LHS	1	30.00	0.60	0.50	9.00	
	1	16.00	0.60	0.40	3.84	
RHS	1	30.00	0.60	0.45	8.10	
	1	16.00	0.60	0.50	4.80	
9 th Cros LHS	1	30.00	0.60	0.50	9.00	
	1	16.00	0.60	0.45	4.32	
RHS	1	30.00	0.60	0.50	9.00	
	1	16.00	0.60	0.40	3.84	
10 th Cross LHS	1	30.00	0.60	0.50	9.00	
	1	27.00	0.60	0.40	6.48	
RHS	1	30.00	0.60	0.45	8.10	
	1	27.00	0.60	0.40	6.48	
11 th Cross LHS	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.45	8.10	
12 th Cross LHS	1	30.00	0.60	0.50	9.00	
	1	16.00	0.60	0.40	3.84	
RHS	1	30.00	0.60	0.45	8.10	
	1	16.00	0.60	0.50	4.80	

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Gully drain	1	28.00	0.60	0.45	7.56	
Karekallu main Road Main	1	30.00	0.60	0.40	7.20	
	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.45	8.10	
	1	15.00	0.60	0.40	3.60	
RHS	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.45	8.10	
	1	15.00	0.60	0.40	3.60	
LHS	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
	1	15.00	0.60	0.45	4.05	
Manjunatha nagara Main Road RHS	1	30.00	0.60	0.35	6.30	
	1	30.00	0.60	0.45	8.10	
	1	23.70	0.60	0.40	5.69	
	1	30.00	0.60	0.45	8.10	
	1	14.00	0.60	0.50	4.20	
	1	25.00	0.60	0.45	6.75	
	1	25.00	0.60	0.40	6.00	
6 th cross RHS	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.35	6.30	
	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.40	7.20	
	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
7 th Cross LHS	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
	1	5.70	0.60	0.45	1.54	
	1	30.00	0.60	0.40	7.20	
	1	30.00	0.60	0.45	8.10	
	1	5.00	0.60	0.35	1.05	
RHS	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.40	7.20	
	1	30.00	0.60	0.45	8.10	
	1	7.70	0.60	0.45	2.08	
8 th Cross LHS	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.40	7.20	
	1	30.00	0.60	0.45	8.10	
	1	11.00	0.60	0.30	1.98	
	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.45	8.10	
	1	5.00	0.60	0.30	0.90	

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	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
	1	24.00	0.60	0.45	6.48	
RHS	1	30.00	0.60	0.40	7.20	
	1	30.00	0.60	0.45	8.10	
	1	5.00	0.60	0.35	1.05	
	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
	1	24.50	0.60	0.40	5.88	
4 th Cross LHS	1	21.00	0.60	0.45	5.67	
	1	20.00	0.60	0.45	5.40	
	1	20.00	0.60	0.45	5.40	
	1	20.00	0.60	0.45	5.40	
	1	21.00	0.60	0.45	5.67	
	1	20.00	0.60	0.40	4.80	
	1	30.00	0.60	0.45	8.10	
	1	5.00	0.60	0.45	1.35	
6 th cross Mahalakshmi Nagara LHS	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.40	7.20	
	1	30.00	0.60	0.45	8.10	
	1	17.00	0.60	0.45	4.59	
7 th cross Mahalakshmi Nagara RHS	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.45	8.10	
Manjunatha nagara New Extension RHS	1	24.00	0.60	0.50	7.20	
	1	25.00	0.60	0.45	6.75	
Manjunatha nagara New Extension LHS	1	30.00	0.60	0.45	8.10	
	1	30.00	0.60	0.50	9.00	
	1	24.00	0.60	0.45	6.48	
RHS	1	30.00	0.60	0.50	9.00	
	1	30.00	0.60	0.50	9.00	
	1	24.00	0.60	0.50	7.20	
Near Karu mariyamma Temple LHS	1	28.00	0.60	0.45	7.56	
	1	28.00	0.60	0.50	8.40	
	1	30.00	0.60	0.50	9.00	

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For Culverts						
Culvert-1	1	6.60	1.50	0.75	7.43	
Culvert-2	1	7.00	1.50	0.75	7.88	
Culvert-3	1	6.50	1.50	0.75	7.31	
Culvert-4	1	7.00	1.50	0.75	7.88	
Culvert-5	1	8.50	1.50	0.75	9.56	
Culvert -6	1	7.00	1.50	0.75	7.88	
Culvert -7	1	7.50	1.50	0.75	8.44	
Culvert -8	1	7.00	1.50	0.75	7.88	
Culvert -9	1	7.10	1.50	0.65	6.92	
Culvert -10	1	6.60	1.50	0.60	5.94	
			Present Quantity		**1815.00**	**Cum**

04/01/22 to 21/01/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Scanned with CamScanner

Name of work :- Improvement of Roads, drains and other maintanance in Manj nagara and sorroundings Area in ward No 14 Bagalagunte

Item No	Pre measurement recorded on: / Discription of Item	No	Length	Breadth	Depth	Qty
3	Providing and laying in position plain cement concrete of mix 1;3;6 with opc cement @ 180kgs with 40 mm and down size grded granite metal course aggregates at 0.85 cum and fine aggregates at0.57 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compected in foundation including cost of all materials ,labour ,HOM of machineries etc complete as per specifications,					
	Manjunatha nagara near New Extension Pepsi godown					
	For Drain					
	1st Cross					
	LHS	1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	14.50	1.20	0.15	2.61
	RHS	1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	14.50	1.20	0.15	2.61
	Back Side	1	30.00	1.20	0.15	5.40
		1	3.80	1.20	0.15	0.68
	2 nd Cross					
	LHS	1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	11.30	1.20	0.15	2.03
	1 st Main	1	26.00	1.20	0.15	4.68
	3 rd Cross From 1st Main					
	RHS	1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	13.00	1.20	0.15	2.34
	3 rd Cross From 1st Main					
	LHS	1	30.00	1.20	0.15	5.40

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		1	30.00	1.20	0.15	5.40
		1	30.00	1.20	0.15	5.40
		1	25.30	1.20	0.15	4.55
	Cross Road	1	24.50	1.20	0.15	4.41
		1	24.50	1.20	0.15	4.41
	Cross Road	1	23.00	1.20	0.15	4.14
			750.40			
	For Culverts					
	Culvert-1	1	6.60	1.50	0.15	1.49
	Culvert-2	1	7.00	1.50	0.15	1.58
	Culvert-3	1	6.50	1.50	0.15	1.46
	Culvert-4	1	7.00	1.50	0.15	1.58
	Culvert-5	1	8.50	1.50	0.15	1.91
	Culvert -6	1	7.00	1.50	0.15	1.58
	Culvert -7	1	7.50	1.50	0.15	1.69
	Culvert -8	1	7.00	1.50	0.15	1.58
	Culvert -9	1	7.10	1.50	0.15	1.60
	Culvert -10	1	6.60	1.50	0.15	1.49
						151.00

05/01/22 to 10/01/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive
Dasara
BBMP Bangal

Scanned with CamScanner

Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	KSRB 4.2.7: Providing and laying in position plain / reinforced cement concrete for side drains using M 20 nominal mix concrete with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.43cum, machine mixed concrete well compacted for wall and bottom including centering and shuttering cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.						
	For Raft						
	Manjunatha nagara New Extension near Pepsi godown						
	For Drain						
	1st Cross						
	LHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	14.50	0.90	0.15	1.96	
	RHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	14.50	0.90	0.15	1.96	
	Back Side	1	30.00	0.90	0.15	4.05	
		1	3.80	0.90	0.15	0.51	
	2 nd Cross						
	LHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	11.30	0.90	0.15	1.53	
	1 st Main	1	26.00	0.90	0.15	3.51	
	3 rd Cross From 1st Main						
	RHS	1	30.00	0.90	0.15	4.05	
		1	7.50	0.90	0.15	1.01	
		1	30.00	0.90	0.15	4.05	
		1	5.50	0.90	0.15	0.74	
	3 rd Cross From 1st Main						

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LHS	1	30.00	0.90	0.15	4.05	
	1	30.00	0.90	0.15	4.05	
	1	30.00	0.90	0.15	4.05	
	1	25.30	0.90	0.15	3.42	
Cross Road	1	24.50	0.90	0.15	3.31	
	1	24.50	0.90	0.15	3.31	
For Side wall						
1st Cross						
LHS	2	9.00	0.15	0.90	2.43	
	2	15.00	0.10	0.60	1.80	
	2	15.00	0.12	0.60	2.16	
	2	15.00	0.15	0.60	2.70	
	2	15.00	0.12	0.60	2.16	
	2	15.00	0.15	0.60	2.70	
	2	15.00	0.10	0.60	1.80	
	2	15.00	0.15	0.60	2.70	
	2	15.00	0.15	0.60	2.70	
	2	6.50	0.15	0.60	1.17	
RHS	2	9.00	0.12	0.90	1.94	
	2	18.00	0.15	0.70	3.78	
	2	18.00	0.15	0.70	3.78	
	2	9.00	0.12	0.60	1.30	
	2	8.00	0.15	0.60	1.44	
	2	30.00	0.12	0.90	6.48	
	2	7.00	0.15	0.60	1.26	
	2	15.00	0.12	0.60	2.16	
	2	27.50	0.15	0.90	7.43	
	2	9.00	0.15	0.60	1.62	
Back Side	2	30.00	0.15	0.60	5.40	
	2	3.80	0.12	0.60	0.55	
2 nd Cross						
LHS	2	30.00	0.15	0.60	5.40	
	2	30.00	0.15	0.60	5.40	
	2	30.00	0.15	0.60	5.40	
	2	30.00	0.12	0.60	4.32	
	2	30.00	0.15	0.60	5.40	
	2	11.30	0.15	0.60	2.03	
1 st Main	2	26.00	0.15	0.60	4.68	
3 rd Cross From 1st Main						
RHS	2	30.00	0.15	0.71	6.39	
	2	7.50	0.15	0.80	1.80	
	2	30.00	0.15	0.60	5.40	
	2	5.50	0.15	0.60	0.99	

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3 rd Cross From 1st Main							
LHS		2	30.00	0.15	0.60	5.40	
		2	30.00	0.12	0.60	4.32	
		2	30.00	0.15	0.52	4.68	
		2	25.30	0.15	0.47	3.57	
Cross Road		2	24.50	0.12	0.55	3.23	
		2	24.50	0.13	0.60	3.82	
For Ramp							
2nd Cross		1	30.00	0.35	0.10	1.05	
		1	30.00	0.30	0.10	0.90	
		1	30.00	0.40	0.15	1.80	
						233.64	Cum
Culvert-1	Raft	1	7.20	1.30	0.20	1.87	
	Wall	1	7.20	0.30	0.75	1.62	
		1	7.20	0.30	0.75	1.62	
Culvert-2	Raft	1	6.40	1.30	0.20	1.66	
	Wall	1	6.40	0.30	0.75	1.44	
		1	5.50	0.30	0.75	1.24	
Culvert-3	Raft	1	7.40	1.30	0.20	1.924	
	Wall	1	7.40	0.30	0.75	1.67	
		1	7.40	0.30	0.75	1.67	
Culvert-4	Raft	1	7.30	1.30	0.20	1.90	
	Wall	1	7.30	0.30	0.85	1.86	
		1	6.30	0.30	0.85	1.61	
Culvert-5	Raft	1	3.70	1.30	0.20	0.962	
	Wall	1	3.70	0.30	0.60	0.67	
		1	3.30	0.30	0.60	0.59	
Vulvert -6	Raft	1	7.00	1.30	0.20	1.82	
	Wall	1	7.00	0.30	0.60	1.26	
		1	5.80	0.30	0.60	1.04	
Culvert -7	Raft	1	7.50	1.30	0.20	1.95	
	Wall	1	7.20	0.30	0.60	1.30	
		1	7.50	0.30	0.60	1.35	
Culvert -8	Raft	1	7.00	1.30	0.20	1.82	
	Wall	1	7.00	0.30	0.60	1.26	
		1	6.10	0.30	0.60	1.10	
Culvert -9	Raft	1	7.10	1.30	0.20	1.85	
	Wall	1	7.10	0.30	0.60	1.28	
		1	6.40	0.30	0.60	1.15	
Culvert-10	Raft	1	6.00	1.30	0.20	1.56	
	Wall	2	6.00	0.30	0.60	2.16	
For Ramp Culverts							
	Culvert-1	2	6.60	0.30	0.12	0.48	
	Culvert-2	2	7.00	0.30	0.12	0.50	

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	Culvert-3	2	6.50	0.30	0.12	0.47	
	Culvert-4	2	7.00	0.30	0.12	0.50	
	Culvert-5	2	7.00	0.40	0.12	0.67	
	Culvert -6	2	6.90	0.45	0.12	0.75	
	Culvert -7	2	7.40	0.45	0.12	0.80	
	Culvert -8	2	7.00	0.45	0.12	0.76	
	Culvert -9	2	7.00	0.30	0.12	0.50	
	Culvert -10	2	6.60	0.30	0.12	0.48	
						282.73	Cum

13/01/22 to 21/01/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Asst. Executive Engineer,
Dasara halli Sub division
BBMP Bangalore

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BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI ZONE

ame of the work : Improvements of Roads,drains and other maintanance in Manjunatha nagara and sorroundings area in ward No; 14 Bagalagunte

Pre-Measurement Sheet

First and Fnal

em No: **5**

em am e: KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per

l no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Unit
			For Drain							
			Manjunatha nagara New Extension							
			1 st Cross LHS							
1	10	1	150mm/CC	9	134.50	1210.5	Distribution	0.62	751	
2	12	1	150mm C/c	1345	2.2	2959.0	Main Bar	0.89	2634	
			1 st Cross RHS							
1	10	1	150mm/CC	9	134.5	1210.5	Distribution	0.62	751	
2	12	1	150mm C/c	1345	2.2	2959.0	Main Bar	0.89	2634	
			Back Side							
1	10	1	150mm/CC	9	33.80	304.2	Distribution	0.62	189	
2	12	1	150mm C/c	338	2.2	743.6	Main Bar	0.89	662	
			1 st Main LHS							
1	10	1	150mm/CC	9	26.00	234.0	Distribution	0.62	145	
2	12	1	150mm C/c	208	2.2	457.6	Main Bar	0.89	407	
			3 rd Cross From 1 st Main LHS							
1	10	1	150mm/CC	9	73.00	657.0	Distribution	0.62	407	
2	12	1	150mm C/c	730	2.6	1898.0	Main Bar	0.89	1689	
			Cross Road 1 LHS							
1	10	1	150mm/CC	9	24.50	220.5	Distribution	0.62	137	
2	12	1	150mm C/c	196	2.6	509.6	Main Bar	0.89	454	
			Cross Road 1 RHS							
1	10	1	150mm/CC	9	24.50	220.5	Distribution	0.62	137	
2	12	1	150mm C/c	196	2.6	509.6	Main Bar	0.89	454	
			Cross Road-2 RHS From 6 th main							
1	10	1	150mm/CC	9	23.00	207.0	Distribution	0.62	128	
2	12	1	150mm C/c	184	2.4	441.6	Main Bar	0.89	393	
			2 nd Cross From 1 st Main LHS							

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1	10	1	150mm/CC	9	161.30	1451.7	Distribution	0.62	900	
2	12	1	150mm C/c	1290	2.4	3097.0	Main Bar	0.89	2756	
			For Culvert							
			Manjunatha nagara New Extension							
			Culvert-1							
1	10	1	150mm/CC	20	6.60	132.0	Distribution	0.62	82	
2	12	1	150mm C/c	148	2.6	384.8	Main Bar	0.89	342	
			Culvert-2							
1	10	1	150mm/CC	20	5.35	107.0	Distribution	0.62	66	
2	12	1	150mm C/c	118	2.6	306.8	Main Bar	0.89	273	
			Culvert-3							
1	10	1	150mm/CC	20	7.10	142.0	Distribution	0.62	88	
2	12	1	150mm C/c	142	2.6	369.2	Main Bar	0.89	329	
			Culvert-4							
1	10	1	150mm/CC	20	6.75	135.0	Distribution	0.62	84	
2	12	1	150mm C/c	140	2.6	364.0	Main Bar	0.89	324	
			Culvert-5							
1	10	1	150mm/CC	20	6.15	123.0	Distribution	0.62	76	
2	12	1	150mm C/c	130	2.6	338.0	Main Bar	0.89	301	
			Culvert-6							
1	10	1	150mm/CC	20	4.00	80.0	Distribution	0.62	50	
2	12	1	150mm C/c	96	2.6	249.6	Main Bar	0.89	222	
			Culvert-7							
1	10	1	150mm/CC	20	5.50	110.0	Distribution	0.62	68	
2	12	1	150mm C/c	136	2.6	353.6	Main Bar	0.89	315	
			Culvert-8							
1	10	1	150mm/CC	20	7.00	140.0	Distribution	0.62	87	
2	12	1	150mm C/c	152	2.6	395.2	Main Bar	0.89	352	
			Culvert-9							
1	10	1	150mm/CC	20	6.70	134.0	Distribution	0.62	83	
2	12	1	150mm C/c	148	2.6	384.8	Main Bar	0.89	342	
			Culvert-10							
1	10	1	150mm/CC	20	6.40	128.0	Distribution	0.62	79	
2	12	1	150mm C/c	144	2.6	374.4	Main Bar	0.89	333	
							Total Quantity of Steel in Kg's		**19521.9**	**Tonne**
							Total Quantity of Steel in Tonne's		**19.52**	

9/01/22

Asst Engineer
Ward No;14

Assistant Executive Engineer
Dasarahalli Sub Division

Scanned with CamScanner

Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Pre measurement recorded on:						
6	Providing and fixing precast covering Slab made out of CC 1;2;4 10 cm thick and finishing cutting ,including form work ,curing ,including cost of materials ,labour ,hire charges of machinary ,loading un loading , lead and lift charges transportation charges etc complete as per specifications						
	For New cc drain						
	Manjunatha nagara near New Extension Pepsi godown						
	1st Cross						
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	14.50	0.90		13.05	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	14.50	0.90		13.05	
	Back Side	1	30.00	0.90		27.00	
		1	3.80	0.90		3.42	
	2 nd Cross						
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	11.30	0.90		10.17	
	1 st Main LHS	1	26.00	0.90		23.40	
	3 rd Cross From 1st Main						
	RHS	1	30.00	0.90		27.00	
		1	7.50	0.90		6.75	
		1	30.00	0.90		27.00	
		1	5.50	0.90		4.95	
	3 rd Cross From 1st Main						
	LHS	1	30.00	0.90		27.00	

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		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	25.30	0.90		22.77
	Cross Road	1	24.50	0.90		22.05
	RHS	1	24.50	0.90		22.05
	Cross Road	1	23.00	0.90		20.70
	Missing Slabs					
R HS From Karekallu Main Road						
	7 th Cross LHS	45	0.60	0.90		24.30
	RHS	23	0.60	0.90		12.42
8 thCross	LHS	31	0.60	0.90		16.74
	RHS	25	0.60	0.90		13.50
9 th Cros	LHS	21	0.60	0.90		11.34
	RHS	34	0.60	0.90		18.36
10 th Cross	LHS	20	0.60	0.90		10.80
	RHS	32	0.60	0.90		17.28
LHS From Karekallu Main		15	0.60	0.90		8.10
8 thCross	LHS	25	0.60	0.90		13.50
	RHS	24	0.60	0.90		12.96
9 th Cros	LHS	32	0.60	0.90		17.28
	RHS	28	0.60	0.90		15.12
10 th Cross	LHS	28	0.60	0.90		15.12
	RHS	25	0.60	0.90		13.50
11 th Cross	LHS	26	0.60	0.90		14.04
	RHS	36	0.60	0.90		19.44
12 th Cross	LHS	25	0.60	0.90		13.50
	RHS	23	0.60	0.90		12.42
	Gully drain	21	0.60	0.90		11.34
Karekallu Main	LHS	32	0.60	0.90		17.28
	RHS	28	0.60	0.90		15.12
Manjunatha nagara Main Road RHS		26	0.60	0.90		14.04
	6 th cross RHS	25	0.60	0.90		13.50
	7 th Cross LHS	32	0.60	0.90		17.28
	RHS	41	0.60	0.90		22.14
	8 th Cross LHS	39	0.60	0.90		21.06
	RHS	35	0.60	0.90		18.90
	4 th Cross LHS	32	0.60	0.90		17.28
6 th cross Mahalakshmi Nagara LHS		30	0.60	0.90		16.20
7 th cross Mahalakshmi Nagara RHS		34	0.60	0.90		18.36
Manjunatha nagara New Extension RHS		66	0.60	0.90		35.64
Manjunatha nagara New Extension LHS		54	0.60	0.90		29.16
	Cross road RHS	42	0.60	0.90		22.68

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	Near Karu mariyamma Temple LHS	28	0.60	0.90		15.12	
	Shanimahathma Temple Road	72	0.60	0.90		38.88	
	Near Govt School	31	0.60	0.90		16.74	
	3 rdCrooss Road	28	0.60	0.90		15.12	
	4 th Cross LHS	30	0.60	0.90		16.20	
	cross road	41	0.60	0.90		22.14	
	Main Road	52	0.60	0.90		28.08	
					Total	**1397.34**	**Sqm**

16/05/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Asst. Executive Engineer,
Dasara halli Subdivision
BBMP Bangalore

Scanned with CamScanner

Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

Item No	Discription of Item		No	Length	Bread th	Dept h	Qty	Unit
	Pre measurement recorded on:							
7	Removing and Resetting of foot path slab							
	For Desilting of drain							
	MEI Lay out New extension							
	RHS From 19 th Main							
	7 th Cross	LHS	1	30.00	0.90		27.00	
			1	14.00	0.90		12.60	
	8 thCross	LHS	1	30.00	0.90		27.00	
			1	15.00	0.90		13.50	
		RHS	1	30.00	0.90		27.00	
			1	15.00	0.90		13.50	
	9 th Cros	LHS	1	30.00	0.90		27.00	
			1	18.00	0.90		16.20	
		RHS	1	30.00	0.90		27.00	
			1	18.00	0.90		16.20	
	10 th Cross	LHS	1	30.00	0.90		27.00	
			1	20.00	0.90		18.00	
		RHS	1	30.00	0.90		27.00	
			1	20.00	0.90		18.00	
	LHS From 19 th Main		1	7.50	0.90		6.75	
	8 thCross	LHS	1	30.00	0.90		27.00	
			1	16.00	0.90		14.40	
		RHS	1	30.00	0.90		27.00	
			1	46.00	0.90		41.40	
	9 th Cros	LHS	1	30.00	0.90		27.00	
			1	16.00	0.90		14.40	
		RHS	1	30.00	0.90		27.00	
			1	16.00	0.90		14.40	
	10 th Cross	LHS	1	30.00	0.90		27.00	
			1	27.00	0.90		24.30	
		RHS	1	30.00	0.90		27.00	
			1	27.00	0.90		24.30	

Scanned with CamScanner

11 th Cross	LHS	1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
12 th Cross	LHS	1	30.00	0.90		27.00
		1	16.00	0.90		14.40
	RHS	1	30.00	0.90		27.00
		1	16.00	0.90		14.40
Gully drain		1	28.00	0.90		25.20
19 th Main	LHS	1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	15.00	0.90		13.50
	RHS	1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	15.00	0.90		13.50
	LHS	1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	15.00	0.90		13.50
Manjunatha nagara Main Road RHS		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	23.70	0.90		21.33
		1	30.00	0.90		27.00
		1	14.00	0.90		12.60
		1	25.00	0.90		22.50
		1	25.00	0.90		22.50
6 th cross RHS		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
7 th Cross LHS		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	5.70	0.90		5.13
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	5.00	0.90		4.50
RHS		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	30.00	0.90		27.00
		1	7.70	0.90		6.93

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8 th Cross LHS	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	11.00	0.90		9.90	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	5.00	0.90		4.50	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
RHS	1	24.00	0.90		21.60	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	5.00	0.90		4.50	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
4 th Cross LHS	1	24.50	0.90		22.05	
	1	21.00	0.90		18.90	
	1	20.00	0.90		18.00	
	1	20.00	0.90		18.00	
	1	20.00	0.90		18.00	
	1	21.00	0.90		18.90	
	1	20.00	0.90		18.00	
	1	30.00	0.90		27.00	
	1	5.00	0.90		4.50	
6 th cross Mahalakshmi Nagara LHS	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	17.00	0.90		15.30	
7 th cross Mahalakshmi Nagara RHS	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
Manjunatha nagara New Extension RHS	1	24.00	0.90		21.60	
	1	25.00	0.90		22.50	
Manjunatha nagara New Extension LHS	1	30.00	0.90		27.00	

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		1	30.00	0.90		27.00	
	RHS	1	24.00	0.90		21.60	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
	Near Karu mariyamma Temple LHS	1	24.00	0.90		21.60	
		1	28.00	0.90		25.20	
		1	28.00	0.90		25.20	
		1	26.90	0.90		24.21	
				resent Quanti		**2790.00**	**Sqm**

04/03/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Scanned with CamScanner

Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
8	Providing ruled pointing to stone slabs pavements with cement mortar 1;3 20mm deep after racking the joints including cost of materials labour curing complete as							
	For Desilting of drain							
	MEI Lay out New extension							
	RHS From 19 th Main							
	7 th Cross	LHS	1	30.00	0.90		27.00	
			1	14.00	0.90		12.60	
	8 thCross	LHS	1	30.00	0.90		27.00	
			1	15.00	0.90		13.50	
		RHS	1	30.00	0.90		27.00	
			1	15.00	0.90		13.50	
	9 th Cros	LHS	1	30.00	0.90		27.00	
			1	18.00	0.90		16.20	
		RHS	1	30.00	0.90		27.00	
			1	18.00	0.90		16.20	
	10 th Cross	LHS	1	30.00	0.90		27.00	
			1	20.00	0.90		18.00	
		RHS	1	30.00	0.90		27.00	
			1	20.00	0.90		18.00	
			1	7.50	0.90		6.75	
	LHS From 19 th Main							
	8 thCross	LHS	1	30.00	0.90		27.00	
			1	16.00	0.90		14.40	
		RHS	1	30.00	0.90		27.00	
			1	46.00	0.90		41.40	
	9 th Cros	LHS	1	30.00	0.90		27.00	
			1	16.00	0.90		14.40	
		RHS	1	30.00	0.90		27.00	
			1	16.00	0.90		14.40	

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10 th Cross	LHS	1	30.00	0.90		27.00	
		1	27.00	0.90		24.30	
	RHS	1	30.00	0.90		27.00	
		1	27.00	0.90		24.30	
11 th Cross	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
12 th Cross	LHS	1	30.00	0.90		27.00	
		1	16.00	0.90		14.40	
	RHS	1	30.00	0.90		27.00	
		1	16.00	0.90		14.40	
Gully drain		1	28.00	0.90		25.20	
19 th Main	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	15.00	0.90		13.50	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	15.00	0.90		13.50	
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	15.00	0.90		13.50	
Manjunatha nagara Main Road RHS		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	23.70	0.90		21.33	
		1	30.00	0.90		27.00	
		1	14.00	0.90		12.60	
		1	25.00	0.90		22.50	
		1	25.00	0.90		22.50	
6 th cross RHS		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
7 th Cross LHS		1	30.00	0.90		27.00	
		1	5.70	0.90		5.13	
		1	30.00	0.90		27.00	

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	1	30.00	0.90		27.00
	1	5.00	0.90		4.50
RHS	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	7.70	0.90		6.93
8 th Cross LHS	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	11.00	0.90		9.90
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	5.00	0.90		4.50
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	24.00	0.90		21.60
RHS	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	5.00	0.90		4.50
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	24.50	0.90		22.05
4 th Cross LHS	1	21.00	0.90		18.90
	1	20.00	0.90		18.00
	1	20.00	0.90		18.00
	1	20.00	0.90		18.00
	1	21.00	0.90		18.90
	1	20.00	0.90		18.00
	1	30.00	0.90		27.00
	1	5.00	0.90		4.50
6 th cross Mahalakshmi Nagara LHS	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	17.00	0.90		15.30
7 th cross Mahalakshmi Nagara RHS	1	30.00	0.90		27.00
	1	30.00	0.90		27.00
	1	30.00	0.90		27.00

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	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
Manjunatha nagara New Extension RHS	1	24.00	0.90		21.60	
	1	25.00	0.90		22.50	
Manjunatha nagara New Extension LHS	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	24.00	0.90		21.60	
RHS	1	30.00	0.90		27.00	
	1	30.00	0.90		27.00	
	1	24.00	0.90		21.60	
Near Karu mariyamma Temple LHS	1	28.00	0.90		25.20	
	1	28.00	0.90		25.20	
	1	26.90	0.90		24.21	
			Present Quantity		**2790.00**	**Sqm**

06/05/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

06/05/22

Asst. Executive Engineer,
Dasara halli Sub division
BBMP Bangalore

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Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Item No	Pre measurement recorded on: / Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	Providing and laying Pre Cast Drain Cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work						
	Culvert 1	1	6.60	1.20		7.92	
	Culvert 2	1	5.35	1.20		6.42	
	Culvert 3	1	7.10	1.20		8.52	
	Culvert 4	1	6.75	1.20		8.10	
	Culvert 5	1	6.15	1.20		7.38	
	Culvert 6	1	4.00	1.20		4.80	
	Culvert 7	1	5.50	1.20		6.60	
	Culvert 8	1	7.00	1.20		8.40	
	Culvert 9	1	6.70	1.20		8.04	
	Culvert 10	1	6.40	1.20		7.68	
				Payable Quantity		**73.86**	**Sqm**

06/05/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

06/05/22

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

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Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
10	KSRRB M600 -1 Construction of dry lean cement concrete mix CC 1;5;10 with opc cement @160 kgs with 25mm and down size graded granite metal coarse aggregates at 0.86 cum and fine aggregates at 0.58 cum sub base over a prepared sub grade with coarse and fine aggregates conforming to IS 383 aggregates cement ratio not exceeding 15;1 aggregates gradation after blending to be as per table -600-1 cement content not to be less than 160kg/cum optimum moisture content to be determined during trail length construction concrete strength not to be less than 10 Mpa at 7 including cost of						
	Manjunatha nagara Main Road From Hard ware shop to Condiments						
	Main Road Ch 0.00-30.00	2	30.00	1.20	0.15	10.80	
	Ch 30.00-60.00	2	30.00	1.20	0.15	10.80	
	Ch 60.00-84.30	2	24.30	1.20	0.15	8.75	
	10 th B Cross Road						
	Ch 0.00-30.00	1	30.00	2.10	0.15	9.45	
	Ch 30.00-36.50	1	6.50	2.45	0.15	2.39	
						42.12	**Cum**

14/09/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive Enginee
Dasarahalli Sub division
BBMP Bangalore

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Name of work :- **Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte**

Item No	Pre measurement recorded on: / Discription of Item	No	Length	Breadth	Depth	Qty
11	pavement: Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as clause 1051.2.2 design mix M20/M30, with 25mm and down size graded granite metal coarse aggregates and fine aggregates with super plasticizer @3lts confirming to IS9103-1999 Reaffirmed-2008 mixed in a concrete mixer of not less than 0.6cum capacity and appropriate weigh batcher as per approved mix design laid in approved fixed side from work(steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as					
	Manjunatha nagara Main Road From Hard ware shop to Condiments					
	Main Road Ch 0.00-30.00	1	30.00	5.60	0.15	25.20
	Ch 30.00-60.00	1	30.00	5.65	0.15	25.43
	Ch 60.00-84.30	1	24.30	5.60	0.15	20.41
	10 th B Cross Road					
	Ch 0.00-30.00	1	30.00	2.05	0.15	9.23
	Ch 30.00-36.50	1	6.50	2.45	0.15	2.39
						82.65

17/02/22
18/02/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive
Dasara halli Sub
BBMP Banga

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Name of work :- Improvement of Roads, drains and other maintanance in Manjunatha nagara and sorroundings Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Item No.	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Cost of haulage excluding loading and unloading MORTH -100/ Chapter 1 Surface road ITEM No 17.4 KSRRB M 100-1 Loading and un loading of stone boulders /stone aggregates /sand/kankar/murram, KSRRB M 100-1 Placing Tipper at loading point loading with front end loader dumping turning for return trip excluding time for haulage and return Trip complete as per specification						
	Manjunatha nagara						
	Quantity vide no; 1+2	126.15+1815				1941.15	**Cum**

Assistant Engineer
Ward NO-14
BBMP Bangalore
06/05/22

Asst. Executive Engineer,
Dasara halli Sub division
BBMP Bangalore

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